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66547 7590 11/09/2010
THE FARRELL LAW FIRM, LLP
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| | |
|------------------------|--------------------|
| Paul J. Farrell | (Depositor's name) |
| <i>Paul J. Farrell</i> | (Signature) |
| February 9, 2011 | (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/591,625 | 07/30/2007 | Seok-Hoon Cho | 1403-24 PCT US | 3316 |

TITLE OF INVENTION: METHOD FOR MANAGING TRAFFIC ENCRYPTION KEY IN WIRELESS PORTABLE INTERNET SYSTEM AND PROTOCOL CONFIGURATION METHOD THEREOF, AND OPERATION METHOD OF TRAFFIC ENCRYPTION KEY STATE MACHINE IN SUBSCRIBER STATION

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | NO | \$1510 | \$300 | \$0 | \$1810 | 02/09/2011 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|----------------|----------|----------------|
| CHEN, SHIN HON | 2431 | 380-273000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1 The Farrell Law Firm, P.C.
2
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

1. Electronics and Telecommunications Research Institute
2. Samsung Electronics Co., Ltd. 3. KT Corporation
4. SK Telecom Co., Ltd. 5. KTFreel Co., Ltd. 6. Hanaro Telecom, Inc. +

Republic of Korea

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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☒ Publication Fee (No small entity discount permitted)
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature _____
Typed or printed name Paul J. Farrell

Date February 9, 2011
Registration No. 33,494

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